Original/Duplicate/Triplicate

PAN ADRPR7750G

CONTRACT CERTIFICATE

NO : Fi[illegible]d Final Bill (Part) (For Other Works) Date:.....20.....

Division : Byatarayanapura **Sub division : Kodigehalli**

Bills received No.....Date..... Cash Book Voucher No.....Dated.....

Sneduled Docket No..... Head of Account P 3296-P3293-P3291

Name of Work :-(as per Sanctioned Estimate) :-**Package-2, includes 5 works of Rs.90.00 Lakhs** 1) Improvements of roads and drain in kodige halli village in ward no.08.Kodigehalli Est.Cost.Rs.25.00 lakhs 2) Providing borewell and pipe line works in kodigehalli in ward no.08 Kodigehalli Est.Cost.Rs.25.00 Lakhs. 3) Improvements of roads and drain in kodigehalli and surrounding in ward no.08 Kodigehalli Est.Cost.25.00Lakhs 4) Maintenance works to ward office ward no.08 Est.Cost 5.00 Lakhs 5) Drilling of Borewell and providing pipe line at Kodigehalli in ward no.08 Est.Cost.10.00 Lakhs.

Name of Contractor and full address: **Sri.N.Venkatareddy**

Job Code No: 008-19-000006, 008-18-000004, 008-19-000005, 008-19-000014, 008-19-000016, Indent 34150.

Reference to agreement No :- BBMP/EE/BTP/WO/147/2019-20 Date: 08.11.2019

Certified that the measurments were taken by me on 29/6/2020 and recorded on pages : 501512 to 501525 of measurment book No. 5016/19-20 and that the work is satisfactorily executed.

N. V

Signature of contractor **Officer-in-charge of Work**

Certified that the measurments were taken by me on 29/6 and recorded correct.The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.

Sub-division office

If Memorandum of Patment

		Amount	
1) Total value of work done or supplies as per A/c within	.....	1st & Part Bill	7917400 00
2) Deduct amount to be held in reserve being..... percent Rs.....	.....	IT	79174 00
3) Balance	.....	CGST	70692 00
4) Deduct payments	..... (Part)	SGST	70692 50
a) Amount of previous payment as in divisional/sub divisional cash book vr No.....dated.....S.D No..... cash advance recovery of	.....	CESS	79174 00
b) payments.....cost of store or other materials supplied now made recovery of amount creditable to this/other work.		CBF	7918 00
Amount paid on this bill by cheque/cash	Total	LR	55450 00
5). Balance being unpaid value of work done held in reserve		Ded:	363100 00
6) Deduct cash of advance made on divisional/sub divisional cash book vr No.....dated.....last adjustment.		Cheque	7554300 00
7) Net amount due to or from contractor.			
UN ADJUSTED ITEMS	.....		
8) Advance to contractor for materials to site(as detailed within)			
9) Value of government materials supplied.			
TOTAL AMOUNT UN-ADJUSTED			

N. V

Contractor's signatures

Received Rs.....(in words).....

.....

.....by cash cnd by adjustment

at Payment as per memorandum.

(in final settlement of all demand)

Witness

1)

2)

Dated .....

Paid by me cheque No.....Dated:.....

Cash

Initials of officer making payment

Stamp

N. V

signature of contractor

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P 3296 - P 3293 - P 3291 ರಡಿ ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 7917400/= ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ. ಇದರಲ್ಲಿ ರೂ. 363100/= ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 7554300/= ಗಳನ್ನು

(For use in the Office)

RTGS/NEFT ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ವಿಷಯ ನಿರ್ವಾಹಕರು | ಲೆಕ್ಕಾಧಿಕ್ಷಕರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಜ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು | ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ Executive Engineer

Bangalore.

Sl No	Items grouped under Sub-heads and sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	-	-	533.43	244.00	130156.92	533.43	130156.92
2	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	-	-	153.59	5786.00	888671.74	153.59	888671.74
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications. wall and bottom thickness 15cms.	Cum	-	-	187.20	7565.00	1416168.00	187.20	1416168.00

4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 Fe 500	Tonne	-	-	9.36	80489.00	753377.04	9.36	753377.04
5	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.10cm thick	Sqm	-	-	468.00	1034.00	483912.00	468.00	483912.00
6	Providing chamfering edges to stone slab 2.5 cms. Wide as per specifications. (only chamfered length shall be recorded)	Mtr	-	-	2773.33	65.00	180266.45	2773.33	180266.45
7	Providing one line dressing to granite stone slab / granite stone masonry as per specifications	Sqm	-	-	468.00	1017.00	475956.00	468.00	475956.00
8	Providing Machine cutting for BS slab including all lead and lift as per direction of Enginner-in charge of work	Rmtr	-	-	2773.33	65.00	180266.45	2773.33	180266.45
9	Providing and fixing Pre cast solid concrete kerb stones size 450 x 200 x 400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete	No	-	-	1121.00	510.00	571710.00	1121.00	571710.00
10	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.	Sqm	-	-	201.78	41.00	8272.98	201.78	8272.98
11	Painting two coats on New Concrete Surface : Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces complete as per specifications. MORTH Specification No. 803	Sqm	-	-	179.22	94.00	16846.68	179.22	16846.68

12	Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications.	Kg	-	-	66.15	108.00	7144.20	66.15	7144.20
13	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting gvenner or schiberger's method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality and acceptability of the users indicating the licating the location of site, recommended depth of 1.0 mtrs in consolidated formation for proper seating of casting pipe, depth of drilling required to cover full depth of acquifer proposed to be tapped, probate yield and other information required including transportation and accessories to work site, engaging technical personal and labour required etc	No	-	-	2.00	2075.00	4150.00	2.00	4150.00
14	Sinking borewell of 165mm dia clear using super fast Hydrolic rig of capacity 250 PSIG na above 900 CFM and abaove in all strats including over burden upto 20M. fixing of casing pipes collars and cap with necessary, cutting and threading including transportation of rig and supporting vehicles, crew charges and cost of consumbables etclm complete including yield testing at the final depth with a minimum work in on compression for an hour (excluding cost of casing pipes collars cap etc.,)0.00 to 50.00 mtrs	Rmtr	-	-	100.00	338.00	33800.00	100.00	33800.00
15	50.00 to 100.00 mtr	Rmtr	-	-	100.00	441.00	44100.00	100.00	44100.00
16	100.00 to 150.00 mtr	Rmtr	-	-	100.00	491.00	49100.00	100.00	49100.00
17	150.00 to 200.00 mtr	Rmtr	-	-	100.00	517.00	51700.00	100.00	51700.00

18	200.00 to 250.00 mtr	Rmtr	-	-	100.00	599.00	59900.00	100.00	59900.00
19	250.00 to 300.00 mtr	Rmtr	-	-	100.00	642.00	64200.00	100.00	64200.00
20	Additional Rate item no.9.1 is allowed for drilling in over burden and fixing casing pipes beyond 20 M (for fixinig casing pipes only (a) Above 20M upto 30 M, 20.00 to 30.00 mtr	Rmtr	-	-	20.00	51.00	1020.00	20.00	1020.00
21	above 30.00 mtr	Rmtr	-	-	62.00	101.00	6262.00	62.00	6262.00
22	Supplying of ISI Mark 175 mm nominal bore, Plain end steel casing pipe - grade of steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments. electric resistance welded steel tube material and confirming to IS 1387/1993 and cmanufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mtrs. Both ends threaded confirming to IS 554/1985. one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking. weighing 25.10kg/mtr. (Inclusive of all taxes and durties) Prices include collar-medium duty	Mtr	-	-	182.00	1417.00	257894.00	182.00	257894.00
23	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.6 (Page no.92, item no.13.15)50mm dia	Rmtr	-	-	660.00	441.00	291060.00	660.00	291060.00
24	Providing 175mm dia MS cap	Each	-	-	4.00	107.00	428.00	4.00	428.00

25	Supply and drawing 3 core flat sheathed submersible pump cable manufactured with celectrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts as per 1x3x4 sqmm of 56 strands 0.3mm dia Group A 2014-15 3Cx4.0Sqmm	Mtr	-	-	1645.00	136.00	223720.00	1645.00	223720.00
26	Atalanta, Suguna, CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5KV(20 stage)	No	-	-	3.00	53451.00	160353.00	3.00	160353.00
27	Supplying and fixing wiring earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	Each	-	-	14.00	2918.00	40852.00	14.00	40852.00
28	Supplying and fixing 20"x20"x2.5" polished wood board made up not less than 15mm thick plank with front plank one end provided for olding at other end fixing the same of the valve using through bolts and nuts	Each	-	-	15.00	323.00	4845.00	15.00	4845.00
29	Supplying of 1.1 KV LTUG Cable having alluminium conductor PVC insulated extruded inner sheathed , galvanized, steel strip (except 2C X 10sq.mm wire armoured) confirming to IS-3975:1990(No.of Strip indicated in GTP) & extruded PVC outer sheathed armored cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm	Mtr	-	-	68.00	150.00	10200.00	68.00	10200.00

30	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/on wall/on poles as required. In existing trench/duct. 6 sqmm to 16sqmm	Mtr	-	-	20.00	11.00	220.00	20.00	220.00
31	Supplying and fixing of procelin fuse channel with cutouts on existing wooden/panel using necessary nuts, bolts and washers. 63Amps	Each	-	-	14.00	250.00	3500.00	14.00	3500.00
32	Providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications	Nos	-	-	16.00	1440.00	23040.00	16.00	23040.00
33	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40-63Amps TPN	Each	-	-	12.00	2072.00	24864.00	12.00	24864.00
34	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Cement concrete road including cost of materials, labour, HOM complete as per specifications	Cum	-	-	65.70	779.00	51180.30	65.70	51180.30
35	Earthwork excavation by manual means in hard soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications	Cum	-	-	271.15	510.00	138286.50	271.15	138286.50

36	Supplying PVC ring tight pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite rolling and lowering into trenches laying true line and level and perfect linking at joints testing and commissioning including loading and unloading at both destination and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approval type with all labour with all lead and lift including encasing the pipe alround to a depth of not less than 15 cms with soft gravel or selected earth available from the excavation etc., compelte and giving necessary hydraluic test to the required pressure as per IS (Contractor will make his own arrangement for procuring water for testing)	Mtr	-	-	780.00 730	79.00	61620.00 57670	780.00 730	61620.00 57670
37	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications	Cum	-	-	131.40	138.00	18133.20	131.40	18133.20
38	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	-	-	43.80	6150.00	269370.00	43.80	269370.00

39	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) 20mm nominal OD pipes	Rmtr	-	-	66.00	179.00	11814.00	66.00	11814.00
40	Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 15mm dia nominal bore	Each	-	-	55.00	215.00	11825.00	55.00	11825.00
41	Providing and constructing burnt brick masonry for basement and superstructure with approved quality of non-modular bricks of standard size of class designation 3.5Newton per sqm with cement mortar including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 with cement mortar 1:6	Cum	-	-	5.94	7045.00	41847.30	5.94	41847.30
42	Providing 12mm thick cement plaster in single coat with cement mortar, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding,cost of materials, labour, curing etc., complete as per specification. cement mortar 1:3	Sqm	-	-	79.20	266.00	21067.20	79.20	21067.20
43	Lead for disposal of debris shall be payable at carrage rates by mechanical means including loading and unloading From 13.30 Kms	Cum	-	-	58.00	98.00	5684.00	58.00	5684.00

44	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @ 0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification	Sqm	-	-	-	608.00	-	-	-
45	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Sqm	-	-	-	118.00	-	-	-
46	Providing white washing for every one additional coat with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.	Sqm	-	-	-	7.00	-	-	-
47	Providing white washing to ceiling and / or sloping roof surface with additional one coat with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.	Sqm	-	-	-	8.00	-	-	-

48	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.with primer, for ceiling.	Sqm	-	-	-	105.00	-	-	-
49	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c/c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12.1 / 7.12.2 / 7.12.3 / 7.12	Sqm	-	-	-	4505.00	-	-	-
50	Providing Mathi / Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. Specification No. KBS 9.33	Cum	-	-	-	84585.00	-	-	-

51	Providing and fixing in position fully panelled wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34	Sqm	-	-	-	4410.00	-	-	-
52	Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications.	Sqm	-	-	-	58.00	-	-	-
53	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.	Sqm	-	-	-	113.00	-	-	-
54	Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22	Each	-	-	-	7890.00	-	-	-

55	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls) 20mm nominal OD pipes.	Mtr	-	-	-	272.00	-	-	-
56	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls) 25mm nominal OD pipes.	Mtr	-	-	-	339.00	-	-	-
57	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications.	Unit	-	-	-	1312.00	-	-	-
58	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.	Each	-	-	-	173.00	-	-	-
59	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). 10cms x 7.5cms.	Each	-	-	-	289.00	-	-	-

60	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3	Each	-	-	-	220.00	-	-	-
61	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3	Each	-	-	-	518.00	-	-	-
62	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3	Each	-	-	-	389.00	-	-	-
63	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Each	-	-	-	5727.00	-	-	-
64	Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Unit	-	-	-	4630.00	-	-	-

65	Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Unit	-	-	-	3550.00	-	-	-
66	Painting:-Providing and applying two coats of ready mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications. MORTH Specification No. 803, Painting on Steel Surface	Sqm	-	-	-	84.00	-	-	-
67	Providing and fixing M.S. Hand railing for Balcony/Staircase etc., with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.	Sqm	-	-	-	3281.00	-	-	-
68	Supplying and fixing of Garbage bins rectangular with permanent structure series without arch100 litre capacity approved by engineer in charge.	No	-	-	-	11770.00	-	-	-

69	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	-	-	-	271.00	-	-	-
70	Construction of Median and island above road level with approved material deposited from soil deposits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No. 407	Cum	-	-	-	237.00	-	-	-
71	Providing and laying heavy duty cobble stones heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. Specification No. KBS	Sqm	-	-	-	1195.00	-	-	-
72	Providing 250mm dia PVC pipe	Rmtr	-	-	-	1225.00	-	-	-
73	Providing 175mm dia MS Casing cap	No	-	-	-	108.00	-	-	-
74	Providing MS Casing pipe collars	Nos	-	-	-	161.00	-	-	-

75	Supply and delivery at site brand new texmo/innoval/Lubi/Sabar / Atalanta/calamal/ make suitable for vertical installation in 150 mm dia borewell comprising of single stage or multi stage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH, aqccessories such as suction, casing suction strainers sand guard non return valve etc., complete the pump and motor shall form an integral unit with all the required fittings.	Set	-	-	-	77174.00	-	-	-
76	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A, 3C X 6.0Sq.mm	Mtr	-	-	-	202.00	-	-	-
77	Labour charges for erection of new / repaired submersible pumpset along with GI pipes including transportation each length .	No	-	-	-	95.00	-	-	-
78	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.etc.,	Each	-	-	-	323.00	-	-	-
79	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.(4 core 16 sqmm)	Mtr	-	-	-	150.00	-	-	-

80	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct (6 sqmm to 16 sqmm)	Mtr	-	-	-	11.00	-	-	-
81	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.	Mtr	-	-	-	125.00	-	-	-
82	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. (40 mm)	Mtr	-	-	-	369.00	-	-	-
83	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. (16Sqmm)	No	-	-	-	300.00	-	-	-
84	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	No	-	-	-	2918.00	-	-	-
85	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. (100Amps)	Each	-	-	-	386.00	-	-	-
86	Suplying and fixing of heavy duty glands for UG cable 1.1 KV etc., complete.	Each	-	-	-	92.00	-	-	-

87	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required 5 to 32 amps triple pole with all lead and lift, loading unloading, and labour charges etc., complete as per specifications. confirming to IEC 60898.	Each	-	-	-	1655.00	-	-	-
88	Fabricating supplying and mounting MS box made out 16SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.	Sq.cm	-	-	-	0.35	-	-	-
89	Gate valve 50 mm nominal bore gun metal	Nos	-	-	-	1765.00	-	-	-
90	Nipple 50 mm nominal bore gun metal	Nos	-	-	-	111.00	-	-	-
91	S Bend 50 mm nominal bore gun metal	Nos	-	-	-	235.00	-	-	-
92	Tee 50 mm nominal bore gun metal	Nos	-	-	-	180.00	-	-	-

93	Supplying and delivery at site brand new star / Essen / Lotus/ sun-shines/Adarsh/GK controls best indigenous make combined energy meter-cum-control panel board unit of size 600x450x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided, the combined energy meter cum-control panel board unit suitable for operation. the panel board shall be fabricated on single unit in the above components for suitable pumpset.	Nos	-	-	-	10700.00	-	-	-
94	Providing and installing at site of work PVC pipes including cost of pipes and special and labour including lowering into trenches laying true to line level and prefect linking at joints, leak proof including jointing of approved type with all labour and lift charges handling charges including encasing the pipes all round to a depth not less than 15 cms with gravel or selected earth available from the excavation etc., complete PVC pipe of 6kg/Cm2 75 mm (0.662)	Mtr	-	-	-	136.00	-	-	-
95	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class 50 mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.8	Mtr	-	-	-	580.00	-	-	-
96	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.10 / 13.13	Nos	-	-	-	1508.00	-	-	-

97	Providing NP/CP waste 50mm dia unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete.	Nos	-	-	-	239.00	-	-	-
98	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines , and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil, exceeding 1.5m in depth including dressing the botom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications.	Cum	-	-	-	283.00	-	-	-
99	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9	Cum	-	-	-	227.00	-	-	-

00	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications (with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum.)	Cum	-	-	-	5550.00	-	-	-
	Total Construction cost Rs:-				7069153.96	7098783.96	7069153.96	7098783.96
	Add 12% GST Charges				848298.47	851854.0752	848298.47	851854.0752
	Grand Total				7917452.43	7950638.04	7917452.43	7950638.04

7917400

~~7910800~~

~~7950600~~

Certificate:

1 Certified that the contractor has work done satisfactorily.
2 The contractor has removed the debries from work site.
3 There is no dept. materials issued to the contractor.

Asst.Engineer
Ward no.08
BBMP- Bangalore

Asst.Executive Engineer
Kodigehalli Sub Division
BBMP -Bangalore

Asst. Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.